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CENTRAL INTELLIGENCE AGENCY

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50X1-HUM

COUNTRY East Germany

REPORT

SUBJECT Fittings [redacted] on Armored Vehicles DATE DISTR.
at the Wuensdorf Repair Workshops**15 JUN 1960**

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NO. PAGES 1

REFERENCES RD

DATE OF INFO.

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PLACE & DATE ACQ.

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1. [redacted] report which gives information on the following: (1) Steel bands for fastening reserve drums to armored vehicles, (2) Supplementary fuel tanks on the BTR-152 (APC), (3) Headlights fitted on the T-54, (4) The temporary fitting of an unidentified device on a T-54. A sketch of all of the aforementioned devices and a muzzle gun from the tank mentioned in Para. 2 below is also included.

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EAST GERMANY/U.S.S.R.

MILITARY

Soviet A.F.V. Repair Workshops - WUNSDORF

(April 1959)

1. Steel bands for the fastening of Reserve Fuel Drums to A.F.V.s

(a) Work on the production of steel bands for the affixing of reserve fuel drums to A.F.V.s has now been completed, the required figure of 1,800 sets, each comprising two bands, having been reached. Appendix 'A' Fig. 1 shows a sketch of the completed bands.

(b) Two bands (one set) are required to fasten one drum to the hull of the A.F.V.

(c) Approximately one thousand of the sets have been transported by road from WUNSDORF to MULLROSE, COTTBUS and ALTENGARROW. The remaining bands are held at WUNSDORF for affixing to A.F.V.s there.

(d) Approximately eight out of every ten T34s arriving at WUNSDORF for repair are equipped with three external drums, one on the port side and two on the starboard side; the remaining tanks normally have a further two drums on the stern. At present all T34s are being brought up to the scale of five drums, one on the port side, two on the starboard side and two on the stern.

(e) There is no apparent difference between the drums now being fitted and those in general use.

2. Supplementary fuel tanks on APC 6x6 FTR 152 (See Appendix 'A' Fig.2.)

(a) On 27th April two Armoured Personnel Carriers 6x6 BTR 152 were seen at WUNSDORF fitted with 4 reserve fuel tanks on the stern. By the 29th April, a total of 10 APCs had been fitted with such tanks.

(b) The estimated capacity of each tank is 20 litres.

(c) The parent unit of the APCs is at the CAMBRAI Kaserne, WUNSDORF.

3. AFV T54

(a) 1 x T54 arrived at the AFV Workshop, WUNSDORF, for repair on 27th April, 1959.

(b) The muzzle of the gun of this tank is sketched in Appendix 'A' Fig.3.

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4. Fitting of Headlights to T54.

Each T54 which passes through the WUNSDORF Repair Workshop is there equipped with two headlights side by side, mounted on the starboard bow. The inner of the two lights is slightly smaller than the outer, having a reflector of diameter approximately 18 cm. and a concave, smooth glass of diameter approximately 15 cm. and violet in colour. The outer of the two lights also has a reflector of approximately 18 cm. diameter, but its glass has a diameter of approximately 15 cm. Its glass is concave and ridged. To this outer light is fitted a shutter hinged at the top, which has a slit cut in the centre and allows light to pass at either side (See Appendix 'A' Fig.4).

5. Device fitted to T54

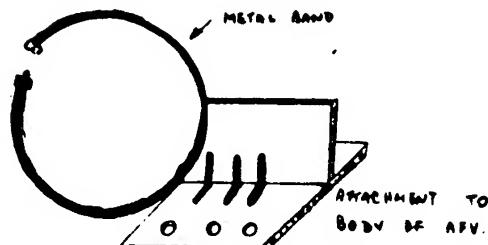
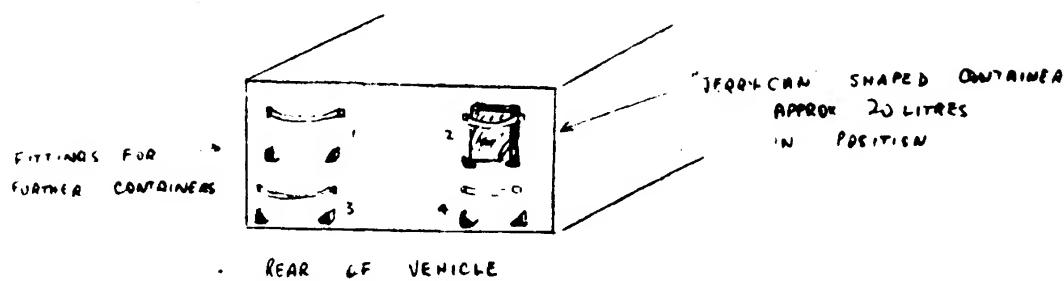
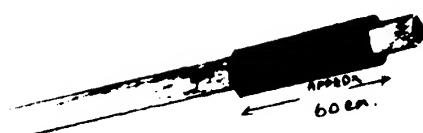
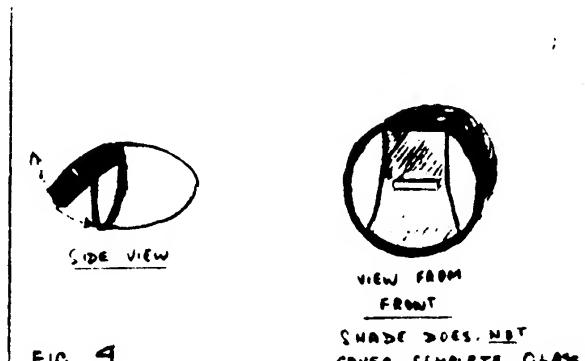
On 28th April, 1959, a T54 on which work was completed was taken to a large shed to which access is normally barred. In the shed a device (see Appendix 'A' Fig.5) was fitted to the bow of the tank. The device was removed from the tank before the latter left the shed.

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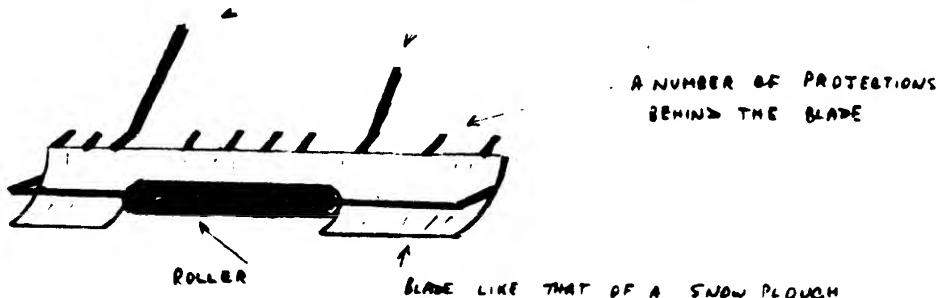
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SECRET**APPENDIX 'A'**

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TWO AS ABOVE MAKE ONE SETFIG. 1.REAR OF VEHICLEFIG. 2FIG. 3FIG. 4

ATTACHING ARMS - ONE APPEARS SHORTER THAN THE OTHER

**SECRET**SKETCHES ONLY - NOT TO SCALEFIG. 5